

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	To Be Assigned	
			Filing Date	November 17, 2003	
			First Named Inventor	Latterell	
			Group Art Unit	To Be Assigned	
			Examiner Name	To Be Assigned	
Sheet	1	of	1	Attorney Docket Number	LIFE089CON3

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
SAH		6,602,205		Integ, Inc.	08-05-2003	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ²	Number ²	Kind Code ⁵ (if known)				

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	Saday Toor	Date Considered	12/21/04
-----------------------	------------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box:



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	09/812,150	
			Filing Date	March 19, 2001	
			First Named Inventor	LATTERELL, SCOTT T.	
			Group Art Unit	3736	
Examiner Name	WINGOOD, PAMELA LYNN				
Sheet	1	of	2	Attorney Docket Number	LIFE-089CON2

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
SAT	A1	4,954,318		Yafuso , et al.	09-04-1990	
	A2	4,981,779		Wagner	01-01-1991	
	A3	5,079,421		Knudson , et al.	01-07-1992	
	A4	5,115,133		Knudson	05-19-1992	
	A5	5,146,091		Knudson	09-08-1992	
	A6	5,179,951		Knudson	01-19-1993	
	A7	5,437,841		Balmer	08-01-1995	
	A8	5,458,140		Eppstein , et al.	10-17-1995	
	A9	5,470,757		Gagnon , et al.	11-28-1995	
	A10	5,682,233		Brinda	10-28-1997	
	A11	5,820,570		Erickson , et al.	10-13-1998	
✓	A12	5,879,310		Sopp , et al.	03-09-1999	
SAT	A13	5,879,367		Latterell , et al.	03-09-1999	

Examiner Signature	<i>Sadaf Toor</i>	Date Considered	12/21/04
--------------------	-------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 9366.14USC2	Application Number: 09/812,150
	Applicant: LATTERELL ET AL.	
	Filing Date: 03/19/2001	Group Art Unit: 3736

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SAT	5,746,217	05/05/1998	Erickson et al.			
	5,582,184	12/10/1996	Erickson et al.			
	5,368,047	11/29/1994	Suzuki et al.			
	5,320,607	06/14/1994	Ishibashi			
	5,231,993	08/03/1993	Haber et al.			
	5,201,324	04/13/1993	Swierczek			
	5,070,886	12/10/1991	Mitchen et al.			
	5,066,859	11/1991	Karkar et al.			
	5,054,499	10/08/1991	Swierczek			
	5,035,704	07/30/1991	Lambert et al.			
	5,029,583	07/09/1991	Meserol et al.			
	5,026,388	06/25/1991	Ingalz			
	5,014,718	05/14/1991	Mitchen			
	5,002,054	03/26/1991	Ash et al.			
	4,960,467	10/02/1990	Peck			
	4,953,552	09/04/1990	DeMarzo			
	4,883,068	11/28/1989	Dechow			
	4,873,993	10/17/1989	Meserol et al.			
	4,648,408	03/10/1987	Hutcheson et al.			
	4,637,403	01/20/1987	Garcia et al.			
	4,622,974	11/18/1986	Coleman et al.			
	4,517,978	05/21/1985	Levin			
✓	3,338,239	08/1967	Mausteller			
SAT	3,208,452	09/1965	Stern			

EXAMINER <i>Sady TOOR</i>	DATE CONSIDERED <i>12/21/04</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Please type a plus sign (+) inside this box:



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

				Application Number	09/812,150
				Filing Date	March 19, 2001
				First Named Inventor	LATTERELL, SCOTT T.
				Group Art Unit	3736
				Examiner Name	WINGOOD, PAMELA LYNN
Sheet	2	of	2	Attorney Docket Number	LIFE-089CON2

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Documents			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
SAT			DE3708031A1		Wagner	12-11-1987		
			EP0160768B1		Dähne, Claus	05-03-1989		
			EP555554		Yokohama-shi	11-26-1997		
			GB2033575A		Rolfe	05-21-1980		
SAT			WO9300043		Keldmann et al.	01-07-1993		

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SAT		Brace RA et al., "Reevaluation of the Needle Method of Measuring Interstitial Fluid Pressure," Am J. Physiol (United States) Sept. 1975, 229 (3) p603-7.	
		Gilányi M. et al., "Ion Concentrations in Subcutaneous Interstitial Fluid: Measured Versus Expected Values," Am J. Physiol (United States) Sept. 1998, 255 (3 Pt 2) pF513-9	
		Petersen LJ et al., "Microdialysis of the Interstitial Water Space in Human Skin In Vivo: Quantative Measurement of Cutaneous Glucose Concentrations," J. Invest Dermatol (United States) Sept. 1992, 99 (3)	
		Turner APF et al., "Diabetes Mellitus: Biosensors for Reach and Management," Biosensors 1 (1985): 85-115.	
		Wolfson, Jr. SK et al., "Glucose Concentration at Possible Sensor Tissue Implant Sites," Diabetes Care 5, No. 3 (1982): 162.	
		"Blood Glucose Measurement by Multiple Attenuated Total Reflection and Infrared Absorption Spectroscopy," I.E.E.E. Transactions on Biomedical Engineering, Vol. 37, No. 5, May 1990.	
		"New Non-Invasive Transcutaneous Approach to Blood Glucose Monitoring: Successful Glucose Monitoring on Human 75 g OGTT with Novel Sampling Chamber," I.E.E.E. Transactions on Biomedical Engineering, Vol.38 No. 9, August 1991.	
		"Use of Capillary Filtrate Collector for Monitoring Glucose in Diabetics," Vol. XXXIII, Transactions in American Society, Artif. Intern. Organs, 1987.	
		Korthius et al., "Method for Sampling Interstitial Fluid" from book entitled Microcirculatory Technology, edited by D. H. Baker et al., Academic Press, Chapter 21, 1986.	
		"Suction Blister Device for Separation of Viable Epidermis from Dermis," Vol. 50, No. 2, Journal of Investigative Dermatology, 1968.	
		"Subcutaneous Capillary Filtrate Collector of Measurement of Blood Glucose," ASAIO Journal, 1992, Vol. 38 pp. M416-M420.	
		"Toward Continuous Glucose Monitoring: In Vivo Evaluation of Minutized Glucose Sensor Implanted for Several Days from Rat Subcutaneous Tissue" (Diabetologia Glen, 1992) 35:224-230.	
		Ginsberg, B., "An Overview of Minimally Invasive Technologies", Clinical Chemistry, Vol. 38, No. 9, pp. 1596-1600 (1992).	
		"Glucose Sensors" and "Like An Injection" sections on page 26 of Diabetes Forecast, May, 1993.	
SAT		N. DuPuy et al., "Quantative Analysis of Aqueous Solutions by FTIR Spectroscopy of Dry Extract", SPIE, Vol. 1575, 8th International Conference on Fourier Transform Spectroscopy (1991), pp. 501-502.	

Saeed TOOR

12/21/04

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 9366.14USC2	Application Number: 09/812,150
	Applicant: LATTERELL ET AL.	
	Filing Date: 03/19/2001	Group Art Unit: 3736

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SAT	3708031	11/12/1987	DE				
	0 453 283 A1	10/23/1991	EP				
	0 212 906 A2	04/08/1986	EP				
	0 199 484 A2	07/04/1986	EP				
	0 582 226 A1	07/30/1993	EP				
	0 250 257 A1	06/19/1987	EP				
	WO 95/10223	04/20/1995	PCT				
	WO 91/18548	12/12/1991	PCT				
✓	WO 88/00812	02/11/1988	PCT				
SAT	WO 85/04089	09/26/1985	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
SAT		Ash, Sr., et al., <i>ASAIO J</i> (United States), Jul-Sep 1993, 39 (3) pM699-705.					
SAT		Kayashima, S., et al., <i>Am J. Physiol</i> (United States), Nov. 1992, 263 (5Pt 2) pH1623-7.					
SAT		Wiig, H., <i>Crit Rev Biomed Eng</i> (United States), 1990, 18 (1) p27-54.					

EXAMINER <i>Sadaf TOOR</i>	DATE CONSIDERED <i>12/21/04</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	